

We claim:

1. A process for the isolation of Bivittoside D from *Bohadschia vitiensis*, said process comprising soaking *B.vitiensis* material in a first polar solvent, filtering the material and decanting the solvent followed by soaking the material in a second aqueous polar solvent,
5 extracting the material by filtration, concentrating the extracted material under reduced pressure to obtain a thick viscous crude extract, eluting the crude extract followed by crystallization to obtain a pure saponin Bivittoside D.
2. A process as claimed in claim 1 wherein the first polar organic solvent used for extraction is selected from the group consisting of methanol, ethanol, propanol, butanol, water and
10 any mixture thereof.
3. A process as claimed in claim 1 wherein the first polar organic solvent used for extraction is selected from the group consisting of methanol, ethanol, propanol, butanol, water and any mixture thereof.
4. A process as claimed in claim 1 wherein the first polar solvent comprises of n-butanol
15 saturated with water.
5. A process as claimed in claim 1 wherein the viscous crude extract is eluted using silica gel or gel filtration column and wherein the eluent used is selected from the group consisting of chloroform, methanol, ethanol, water and any mixture thereof.
6. A process as claimed in claim 1 wherein the yield of the bivittoside D is in the range of
20 25 – 30 %.
7. A spermicidal composition comprising an effective amount of bivittoside D and one or more pharmaceutically acceptable additives.
8. A composition as claimed in claim 7 wherein the bivittoside D is used in an amount of 0.01 % to 1.0% aqueous solution.
- 25 9. Use of bivittoside D isolated from *Bohadschia vitiensis* as a spermicidal agent.
10. Use as claimed in claim 9 wherein the bivittoside D is used as a spermicidal agent in pure form.
11. Use as claimed in claim 9 wherein the bivittoside D is used in an amount of 0.01 % to 1.0% aqueous solution.
- 30 12. A composition as claimed in claim 7 wherein the composition is in the form of a cream, jelly, free-flowing powder, solution, suspension, and alcoholic extract.
13. A fungicidal composition comprising a active amount of bivittoside D isolated from *Bohadschia vitiensis* and one or more conventional additives.

14. A composition as claimed in claim 13 wherein the amount of bivittoside D present in the composition is in the range of 0.39 mg/ml to 12.57 mg/ml.
15. Use of bivittoside D isolated from *Bohadschia vitiensis* as a fungicidal compound against *Candida albicans*, *Cryptococcus neoformans*, *Sporothrix schenckii*, *Aspergillus fumigatus* and *Frichophyton mentagrophytes* pathogens.
16. A composition as claimed in claim 13 wherein the composition is in the form of a cream, jelly, free-flowing powder, solution, suspension, and alcoholic extract.

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